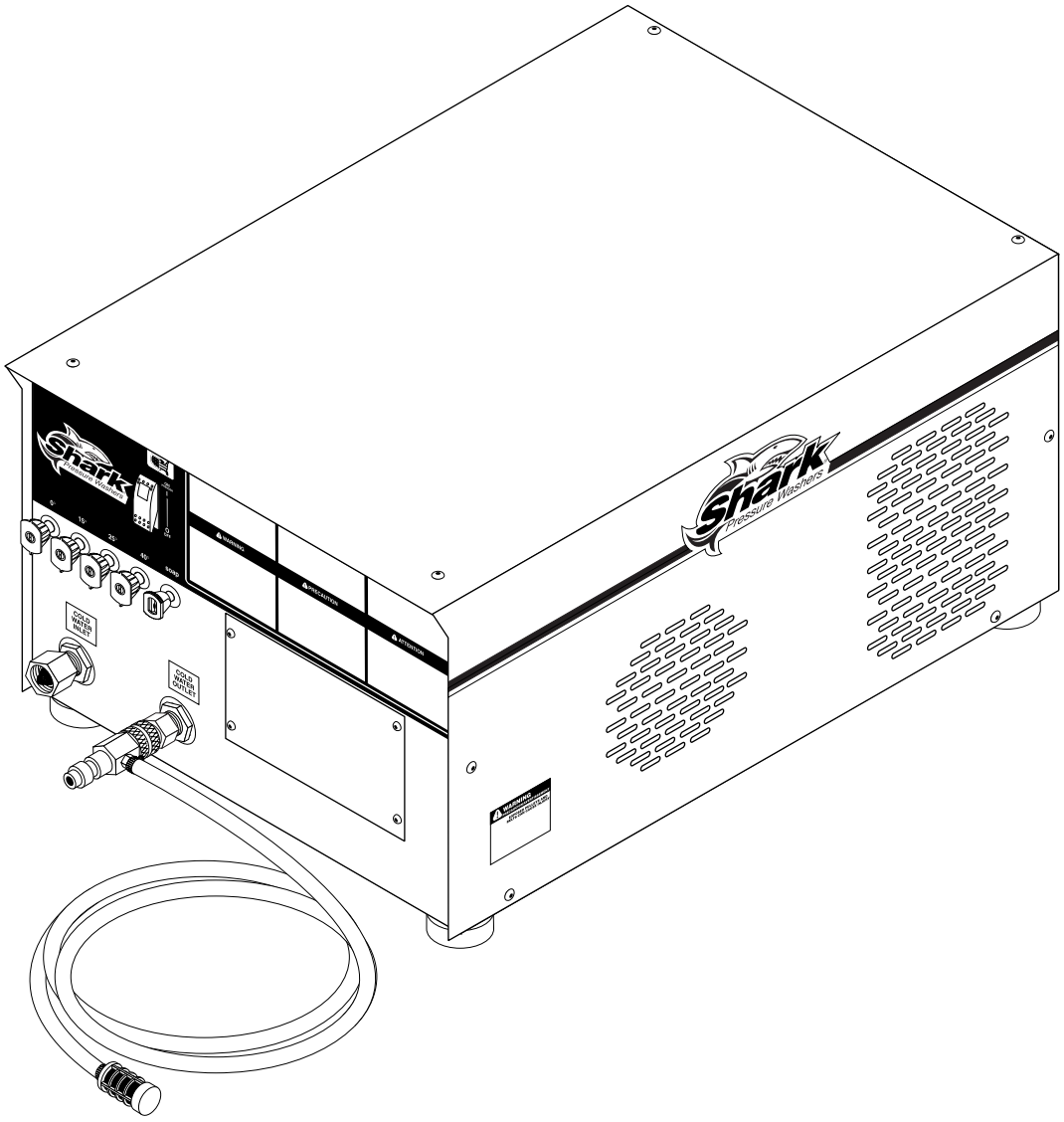
MODEL: CB

OPERATING INSTRUCTION AND PARTS MANUAL

■ CB-3010 ■ CB-3530 ■ CB-4020



SHARK PRESSURE WASHERS ■ 4275 N.W. Pacific Rim Blvd. ■ Camas, WA 98607 ■ USA

For technical assistance or the Shark Dealer nearest you, call 1-800-771-1881.

MACHINE SPECIFICATIONS

- **Pump Volume At Pump Head:**
  - **CB-3010** 2.8 GPM
  - **CB-3530** 3.5 GPM
  - **CB-4020** 4.2 GPM

- **Pump Pressure At Pump Head:**
  - **CB-3010** 1000 PSI
  - **CB-3530** 3000 PSI
  - **CB-4020** 2000 PSI

- **Machine Voltage:**
  - **CB-3010** 120V/1Ph
  - **CB-3530** 230V/1Ph
  - **CB-4020** 230V/1Ph

- **Total Machine Amperage:**
  - **CB-3010** 20 Amps
  - **CB-3530** 36 Amps
  - **CB-4020** 29 Amps

- **Shipping Weight:**
  - **CB-3010** D - 216 Lbs.
  - **CB-3530** A - 300 Lbs.
  - **CB-4020** A - 275 Lbs.

- **Machine Dimensions:**

CB-3010	Length = 39"	Width = 31"	Height = 35"
CB-3530	Length = 39"	Width = 31"	Height = 35"
CB-4020	Length = 39"	Width = 31"	Height = 35"

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SERIAL NUMBER:

DATE PURCHASED:

FOR SALES AND SERVICE, PLEASE CONTACT:

INTRODUCTION

Thank you for purchasing a Shark Pressure Washer.

This manual covers the operation and maintenance of the CB series pressure washers. All information in this manual is based on the latest product information available at the time of printing.

We reserve the right to make changes at any time without incurring any obligation.

The CB Series was designed for maximum use of 4 hours per day, 5 days per week.

Owner/User Responsibility:

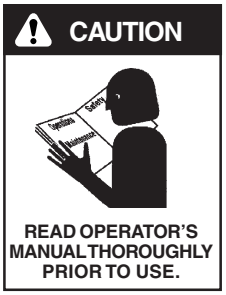
The owner and/or user must have an understanding of the manufacturer's operating instructions and warnings before using this pressure washer. Warning information should be emphasized and understood. If the operator is not fluent in English, the manufacturer's instructions and warnings shall be read to and discussed with the operator in the operator's native language by the purchaser/owner, making sure that the operator comprehends its contents.

Owner and/or user must study and maintain for future reference the manufacturers' instructions.

This manual should be considered a permanent part of the machine and should remain with it if machine is resold.

When ordering parts, please specify model and serial number.

GENERAL SAFETY INFORMATION



CAUTION: To reduce the risk of injury, read operating instructions carefully before using.

1. Read the owner's manual thoroughly. Failure to follow instructions could cause malfunction of the machine and result in death, serious bodily injury and/or property damage.
2. Know how to stop the machine and bleed pressures quickly. Be thoroughly familiar with the controls.
3. Stay alert—watch what you are doing.
4. All installations must comply with local codes. Contact your electrician, plumber, utility company or the selling distributor for specific details.

To comply with the National Electrical code (NFPA70) and provide additional protection from risk of electric shock, these pressure washers are equipped with a UL approved ground fault circuit interrupter (GFCI) power cord.

WARNING: Risk of asphyxiation — Use this product only in a well ventilated area.

5. Risk of explosion - do not spray flammable liquids or operate in an explosive location.

WARNING: Keep water spray away from electric wiring or fatal electrical shock may result.

6. To protect the operator from electrical shock, the machine must be electrically grounded. It is the responsibility of the owner to connect this machine to UL grounded receptacle of proper voltage.

   Do not spray water on or near electrical components. Do not touch machine with wet hands or while standing in water. Always disconnect power before servicing.
7. Grip wand securely with both hands before starting the cleaner. Failure to do this could result in bodily injury from a whipping wand.

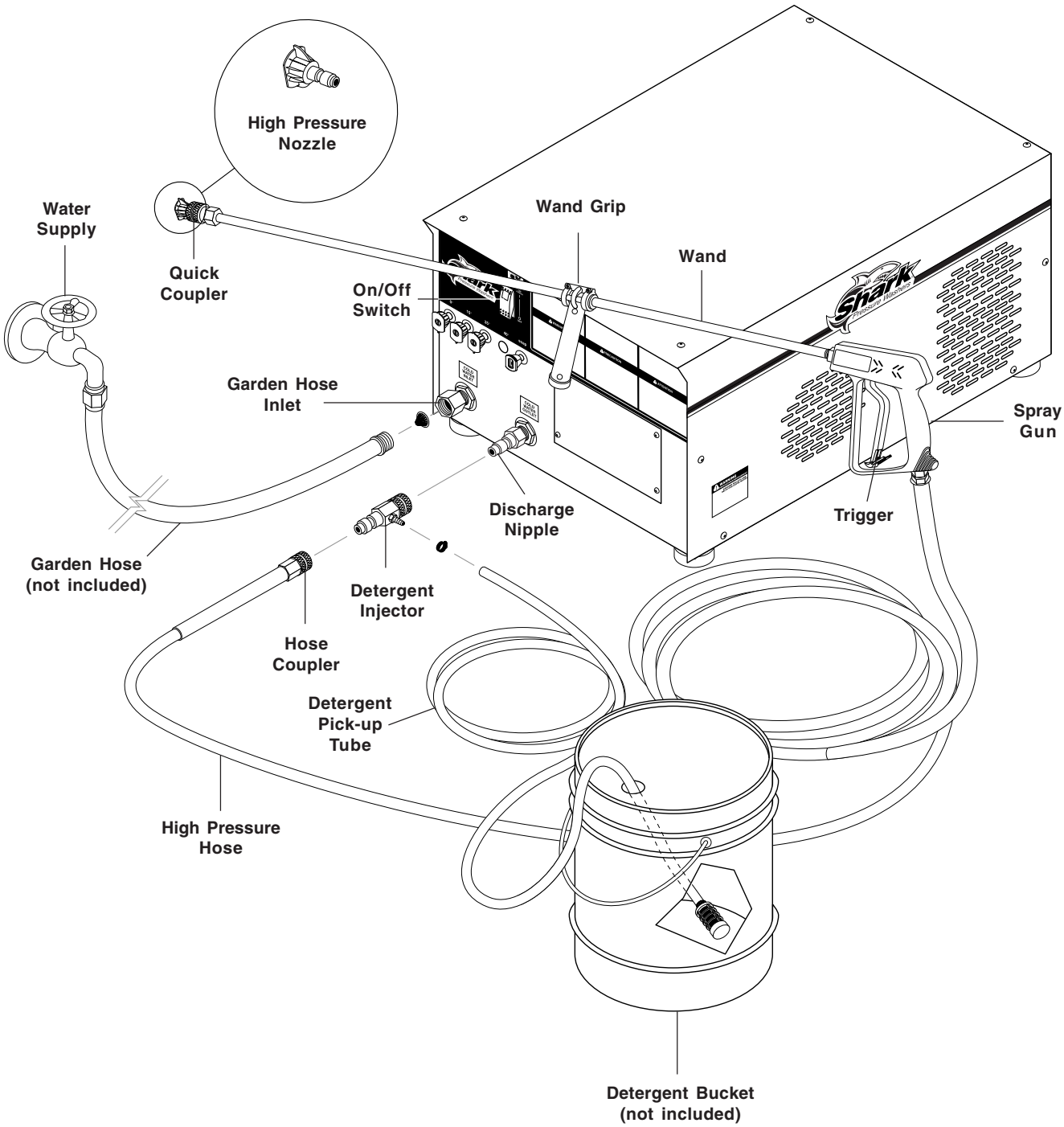
WARNING: High pressure stream of fluid that this equipment can produce can pierce skin and its underlying tissues, leading to serious injury and possible amputation.

8. High pressure developed by these machines can cause bodily injury or damage. Use caution when operating. Do not point the spray gun at anyone or at any part of body.
9. Never make adjustments on machine while it is in operation.

WARNING: High pressure spray can cause paint chips or other particles to become airborne and fly at high speeds.

10. Eye safety devices must be worn when using this equipment.

COMPONENT IDENTIFICATION



11. When the machine is working, do not cover or place in a closed space where ventilation is insufficient.
12. Protect from freezing.
13. Be certain all quick coupler fittings are secured before using pressure washer.
14. Do not allow acids, caustic, or abrasive fluids to pass through the pump.
15. Inlet water must be cold and clean fresh water.
16. The best insurance against an accident is knowledge of the machine and operator precaution.
17. We will not be liable for any changes made to our standard machines, or any components not purchased from us.
18. Do not allow CHILDREN to operate the pressure washer at any time. THIS MACHINE MUST BE ATTENDED DURING OPERATION.
19. Do not operate this machine when fatigued or under the influence of alcohol or drugs.
20. Keep operating area clear of all persons.
21. Do not overreach or stand on unstable support. Keep good footing and balance at all times.
22. Follow the maintenance instructions specified in the manual.

PRE-OPERATION CHECK

- ❑ Read machine safety warnings
- ❑ Pump oil (SAE 30W non-detergent oil)
- ❑ Cold water supply (6 GPM • 5/8" • 20 PSI)
- ❑ Proper power supply and circuit protection
- ❑ Hose, wand, nozzle (nozzle size per serial plate)
- ❑ Water filter (intact, non restrictive)
- ❑ Read operation instructions
- ❑ This machine must be protected from the elements

SETUP PROCEDURES

This machine is intended for indoor use. Machine must be stored indoors when not in use.

1. Attach a 5/8" garden hose to inlet connector. Minimum flow should be 5 GPM.
2. Attach high pressure hose to discharge nipple using quick coupler. Lock coupler securely into place by pulling back coupler collar and inserting it onto discharge nipple, then pushing collar forward to lock in place.
3. Attach wand to spray gun using teflon tape on threads to prevent leakage.
4. Attach connector on discharge hose to spray gun using teflon tape on threads.
5. Remove oil plug on top of pressure washer pump and replace with dipstick supplied. (This may be installed from the factory.)
6. Check oil level on oil dipstick on top of pump. Oil should be visible one half way up sight glass (30W non-detergent).

OPERATING INSTRUCTIONS

1. Read safety and preventative maintenance instructions before starting machine.
2. With power switch in OFF position, plug power cord into a grounded type of receptacle of proper voltage and amperage reading. Then push GFCI reset button at end of power cord if required.
3. Turn on water at faucet and pull trigger on spray gun allowing water to flow until all air has discharged from system. Check for water leaks; tighten as needed.
4. Push the switch on and pull the trigger on the spray gun to activate a pressure switch which will then start the machine. (Auto start option only).
5. Turn the variable pressure control handle clockwise to increase pressure.
6. To apply detergent read "How to Use The Detergent Injector."

SHUTDOWN PROCEDURES

1. Rinse with clean water to remove any soap residue, by placing detergent hose into fresh water bucket and operating injector as described below.
2. Release the trigger on the spray gun which will activate a timer to shut the machine off after four (4) seconds. Turn the switch off if the machine is going to be left unattended. (Auto start option only).
3. Turn off water supply.
4. Open spray gun to relieve remaining pressure.
5. Remove water supply hose.
6. In freezing conditions, water should be drained from machine. Run the pump dry for a few seconds and then disconnect all hoses to allow water to drain.

CAUTION: When removing hose, spray gun, or detergent injector, the switch must be in the off position followed by opening spray gun to relieve pressure, or personal injury will occur.

HOW TO USE THE DETERGENT INJECTOR

⚠ WARNING

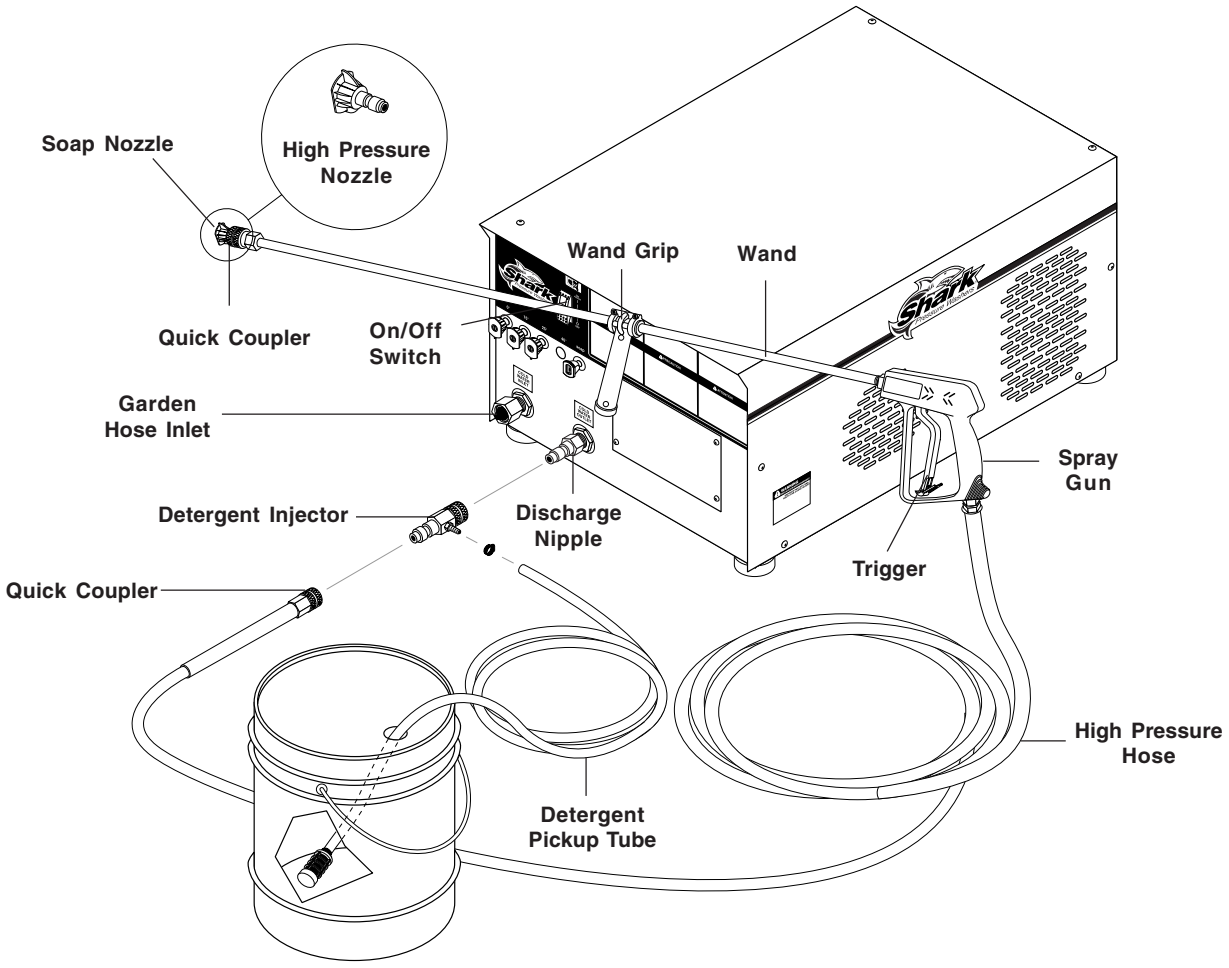
SOME DETERGENTS MAY BE HARMFUL IF INHALED OR INGESTED

WARNING: Some detergents may be harmful if inhaled or ingested causing severe nausea, fainting or poisoning. The harmful elements may cause property damage or severe injury.

The machine can siphon and mix detergents with the use of Shark's detergent injector kit.

1. Pull injector quick coupler collar back and secure on discharge nipple. Injector valve body arrow should point in direction of flow.
2. Connect high pressure hose to injector nipple securing quick coupler.
3. Start machine as outlined in Operating Instructions.
4. Place detergent pickup tube into container of detergent solution.
5. Install the brass soap nozzle provided with the injector into the quick coupler of the wand.
6. Open spray gun. Water detergent ratio is approximately 15 to 1.
7. When you finish washing, rinse by simply releasing the spray gun, removing the soap nozzle, and replacing the pressure nozzle back into quick coupler.

   NOTE: The detergent injector will not siphon with the high pressure nozzle at the end of the wand.
8. If your machine has a variable pressure wand, turn the pressure control handle counterclockwise to lower the pressure. This directs the water flow through the soap nozzle, allowing the detergent injector to siphon soap. To rinse with high pressure water, simply turn the control handle clockwise.
9. For clean up, place detergent pickup tube into container of clear water and follow steps 5 and 8 to prevent detergent deposits from damaging the injector.



GENERAL WASHING TECHNIQUES

Hold spray nozzle a foot or so from the surface being cleaned. Spray at an angle to get under the material and lift it off.

When washing large objects, use detergent injector to apply detergent. Start washing from the bottom and work up. Allow the detergent to set 5-10 minutes. After washing, rinse from the top down.

Cleaning heavy dirt or material away with a hard stream of clear water is recommended before using a cleaning agent.

MAINTENANCE

Pump Lubrication

The pump on your CB Pressure Washer is a triplex ceramic plunger pump. As the plungers move back, water flows through the inlet valve into the manifold chamber. Then, when the plungers move forward, the inlet valves close and the discharge valves open to produce discharge pressure.

Use only SAE 30 weight non-detergent oil; change oil after first 50 hours of use. Thereafter, change oil every three months or at 500 hour intervals. Oil level should be checked through the use of the dipstick found on top of the pump, or half way up on the oil gauge window. Oil should be maintained at that level.

Unloader Valves

The unloader valve is connected directly to the discharge port of the pump. Its purpose is to allow recirculation back into the pump inlet when the trigger on the spray gun is closed.

Nozzles

Each machine is equipped with one spray nozzle depending on the flow and pressure of that particular model. Spray nozzles vary in bore size and angle of spray. When ordering replacement nozzles, please specify size and angle of nozzle. Nozzle size for each machine is located on the serial plate.

Winterizing Procedure

Damage due to freezing is not covered by warranty. Use the following cold weather procedures whenever the washer must be stored or operated outdoors under freezing conditions.

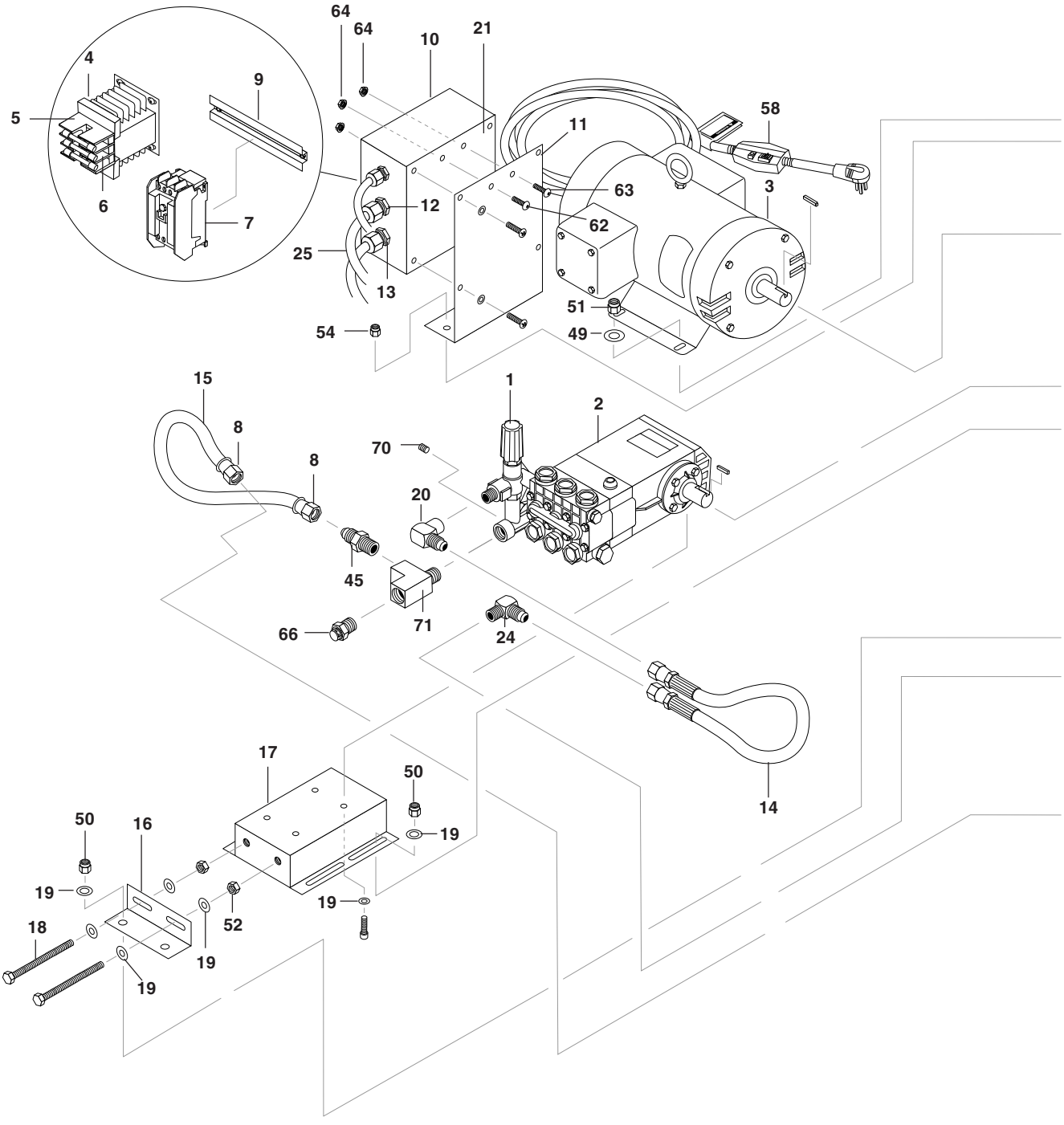
During winter months, when the temperature drops below 32°F, protecting your machine against freezing is necessary. A blowout valve is available which can be screwed on in place of the garden hose to blow water out of the system. When compressed air is not available or impractical, siphon a small amount of antifreeze into the machine and siphon a 50/50 mixture of antifreeze into the pump. Run the pump dry for a few seconds and disconnect all hoses to allow water to drain.

Low Pressure Diagnosis

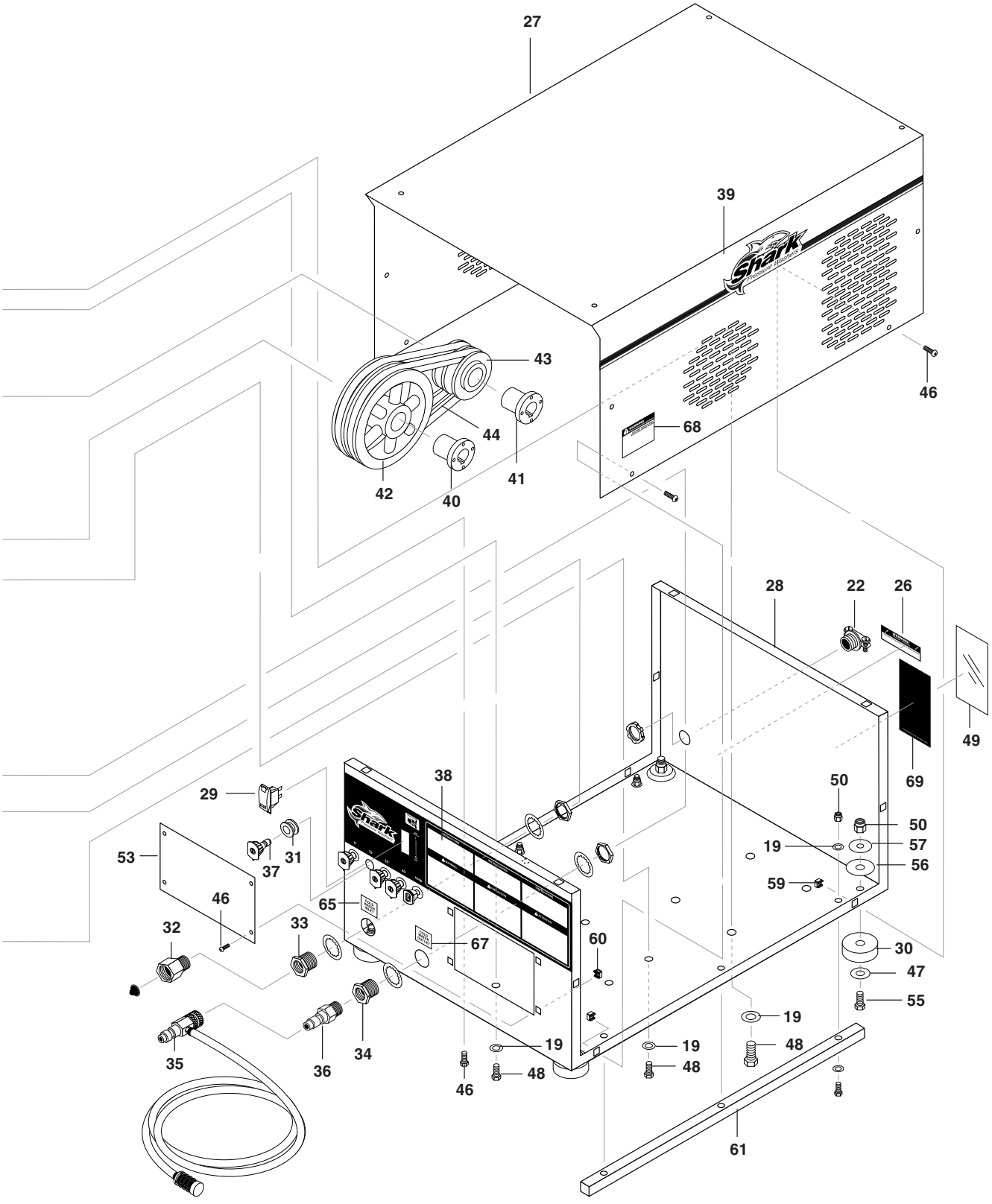
Refer to Troubleshooting Chart for low pressure. If, by referring to the chart, the trouble is found to be either the unloader or the pump, your next step is to determine whether in fact the unloader or the pump is the problem. This can be done by eliminating the unloader from the system and attaching the discharge hose directly to the pump. If high pressure is developed in this manner the pump is good, and the unloader needs to be repaired or replaced.

CAUTION: When using this procedure to test components, keep the spray gun open at all times.

CB, EXPLODED VIEW
LEFT SIDE



CB, EXPLODED VIEW
RIGHT SIDE



CB, EXPLODED VIEW
PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	5-3208	Unloader, AL607, 7.8 GPM @ 4200 PSI (301001, 402001, 353001)	1
	5-3150	Unloader, APR S 2000 (301007)	1
	5-3151	Unloader, APR S 3000 (402007, 353007)	1
2	5-2302	Pump, General T-991 (301001)	1
	5-2304	Pump, General T-1011 (402001)	1
	5-2307	Pump, General, TS-2021 (353001)	1
	5-1625	Pump, Legacy WML-2540 (301007)	1
	5-1651	Pump, Legacy TML-3053 (402007, 353007)	1
3	5-1013	Motor, 7.5 HP, 1PH, 1725 RPM 230V (3530)	1
	5-10401	Motor, 6 HP, 1PH, 1725 RPM 230V (4020)	1
	5-1047	Motor, 2 HP, 3450 RPM, 120V (3010)	1
4	6-60101	Transformer, Micron, 240/480V-120V, 50/60 HZ, .050KVA	1
5	6-02294	Fuse, ATMR, 1 Amp, 600 Volt	2
6	6-022970	Fuse, Paper, Buss FNM-1/2, 250V Midget	1
7	6-4018	Contactor, 120V, CH CE15HNS3AB-09 (3530A, 4020)	1
	6-4010	Contactor, 120V, CH (3530)	1
	6-4013	Contactor, 120V, CH CE15FNS3AB (3010D)	1
	6-5015	▲ Overload, 29-42 Amp, CH C316KNA3C (3530A)	1
8	2-1105	1/2" JIC Fem, Push-On	4
9	6-021595	DM Rail, 35 mm, /in.	4"
10	6-03909	Box, Plastic, 10" x 8" x 6" w/Lid (4020, 3530)	1
	6-03907	Box, Plastic 8" x 8" x 4", (3010)	1
11	95-07603907	Bracket, Support for Electric Box	1
12	6-051595	Strain Relief, STRT, Large, 3234	1
	6-05172	Locknut, 3/4 Conduit	1
13	6-05153	Strain Relief, STRT, 3200 Medium	2
	6-05181	Locknut, 1/2" Conduit	2
14	4-02047725	Hose, 3/8" x 25", 2 Wire, Pressure Loop (4020, 3530)	1
	4-02047720	Hose, 3/8" x 20, 2 Wire, Pressure Loop (3010)	1
15	4-02110000	Hose, 1/2" Push-On, /ft.	3
16	95-07141110	Retainer, Pump Take Up	1
17	95-07102112	Rail, Pump General	1
	9507163136	Rail, Pump Legacy	1
18	90-10220	Bolt, 3/8" x 3-1/2" Tap	2
19	90-4002	Washer, 3/8", Flat, SAE	26
	90-4001	Washer, 5/16", Flat, SAE (3010)	4
20	2-00601	Elbow, 1/2" JIC x 3/8" FPT 90°	1
21	95-07290068	Standoff, Electrical Box	1
22	6-0517	Strain Relief, 3/4" 3303	1
24	2-0053	Elbow, 1/2" JIC x 3/8" 90°	2
25	6-01041	Cord, Serv, SEO, 10/3 Ft. Coleman	3
26	10-08021	Label, Disconnect, Power Supply	1
27	95-07102129	Cover, Hotsy Cold Water	1
28	95-07102122	Base, Shark CB	1
29	6-020240	Switch, Rocker, Carling w/Green Lens	1
30	2-0104	Pad, Hard Rubber, 50 Duro	4
31	2-0103	Grommet, Rubber (Nozzle Holder)	4
32	2-10942	Swivel, 1/2" MP x 3/4" GHF w/strainer	1
33	2-11041	Connector, 1/2" Anchor	1
34	2-11039	Connector, 3/8" Anchor	1
35	4-011184	Downstream Injector Assembly, Non-Adj.	1
36	2-2007	Nipple, 3/8" x 3/8" NPT ST Male	1
37	4-12806000	Nozzle, SAQMEG 0006, Red (4020)	1
	4-12806015	Nozzle, SAQMEG 1506, Yellow (4020)	1
	4-12806025	Nozzle, SAQMEG 2506 Green (4020)	1

CB, EXPLODED VIEW
PARTS LIST *(CONT.)*

ITEM	PART NO.	DESCRIPTION	QTY
37	4-12806040	Nozzle, SAQMEG 4006 White (4020)	1
	4-12804000	Nozzle, SAQMEG 0004, Red (3530)	1
	4-12804015	Nozzle, SAQMEG 1504 Yellow (3530)	1
	4-12804025	Nozzle, SAQMEG 2504, Green (3530)	1
	4-12804040	Nozzle, SAQMEG 4004 White (3530)	1
	4-12805500	Nozzle, SAQMEG 0005.5 Red (3010)	1
	4-12805515	Nozzle, SAQMEG 1505.5 Yellow (3010)	1
	4-12805525	Nozzle, SAQMEG 2505.5 Green (3010)	1
	4-12805540	Nozzle, SAQMEG 4005.5 White (3010)	1
38	11-0308	Label, Shark CB, Control Panel	1
39	11-0601	Label, Shark CB, Stripe 29"	2
40	5-512024	Bushing, H x 24mm	1
	5-5120220	Bushing, 22mm (402007)	1
41	5-511113	Bushing, H x 1-1/8" (4020)	1
	5-511138	Bushing, H x 1-3/8" (3530)	1
42	5-40208401	Pulley, 2AK84H (301007, 402001)	1
	5-40207401	Pulley, 2AK74H (402007)	1
	5-40508001	Pulley, 2BK80H (353001)	1
	5-40507001	Pulley, 2BK70H (353007)	1
	5-40107401	Pulley, AK74H (301001)	1
43	5-40102658	Pulley Bore, AK26 x 5/8" (301001)	1
	5-40102558	Pulley Bore, AK25 x 5/8" (301007)	1
	5-40205401	Pulley, 2AK54H (402001, 402007)	1
	5-40504501	Pulley, 2BK45H (353001)	1
	5-40504001	Pulley, 2BK40H (353007)	1
44	5-602040	Belt, AX40 (301001, 301007 Qty 1; 402007 Qty 2)	
	5-602037	Belt, AX37 (402001)	2
	5-604042	Belt, BX42 (353001)	2
	5-602036	Belt, AX36 (402007)	2
44	5-604037	Belt, BX37 (353007)	2
45	2-1053	Nipple, 1/2" JIC x 1/2" MNPT	1
46	90-1995	Screw, 1/4" x 1/2", BH SOC CS	8
47	90-40125	Washer, 3/8" x 1" Steel	4
	90-1017	Bolt, 3/8" x 1-1/4", NC HH (353001, 402001)	22
	90-1007	Bolt, 5/16" x 1", NC HH (3010)	4
48	90-1016	Bolt, 3/8" x 1", NC HH	4
49	10-9999	Label, Clear Lexan, 2-1/4" x 4-1/2"	1
50	90-2002	Nut, 3/8", ESNA, NC	8
51	90-2002	Nut, 3/8" ESNA, NC (3530, 4020)	4
	90-2001	Nut, 5/16", ESNA, NC (3010)	4
52	90-2007	Nut, 3/8" HEX, NC	2
53	95-07102289	Cover, Access Hole	1
54	90-2000	Nut, 1/4", ESNA NC	2
55	90-1018	Bolt, 3/8" x 1-1/2", NC HH	4
56	2-0108	Bumper Pad, Engine	4
57	90-4007	Washer, 3/8" x 1-1/2" Fender	4
58	6-01060	GFCI, 120V 20A w/36' 12-3 Cord (3010)	1
	6-01059	GFCI, 240V 1 Ph, 30A, 36' 10-3 Cord (4020)	1
	6-010690	GFCI 240V 1 Ph, 40A, 36' 8-3 Cord (3530)	1
59	90-202301	Nut, Cage, 1/4" x 12 GA	4
60	2-0114	Nut, 1/4" Square Head Grommet, Nylon	4
61	95-07102124	Rail, Stabilizer	2
62	90-1994	Screw, 10/32" x 1-1/4" RH, SL	1
63	90-1991	Screw, 10/32" x 1/2" BHSOC	1
64	90-017	Nut, 10/32" KEPS	2
65	10-09003	Label, Cold Water Inlet, HS	1
66	2-300882	Pump Protector, 1/2" 90°	1
67	10-09002	Label, Cold Water Outlet SE/SEA	1
68	10-02028	Label, Warning, Exposed Pulleys	1
69	10-08016	Label, Intended for Indoor Use	1
70	2-1046	Plug, 1/4" MNPT (Legacy)	1
71	2-1040	Tee, 1/2" Street	1

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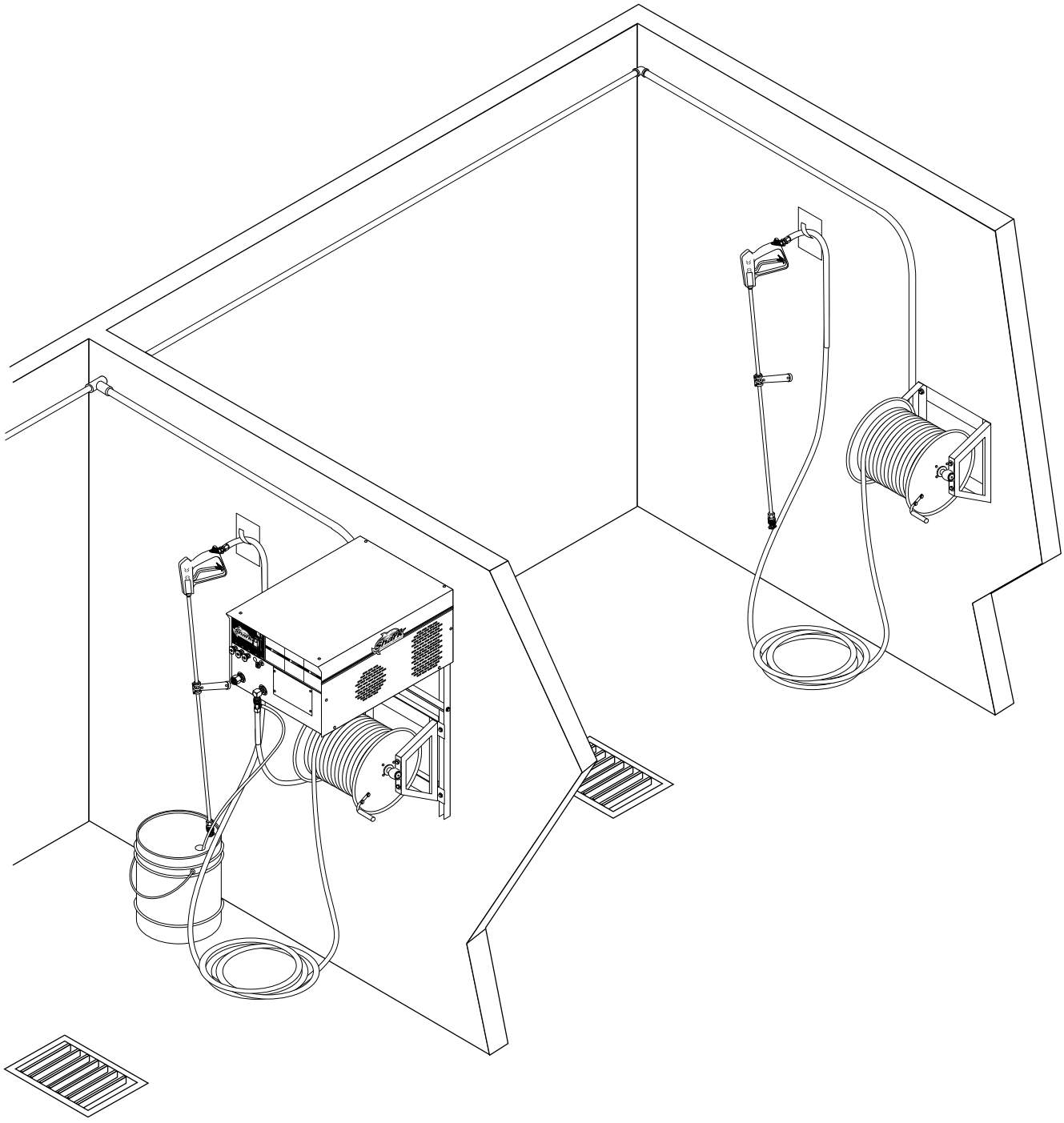
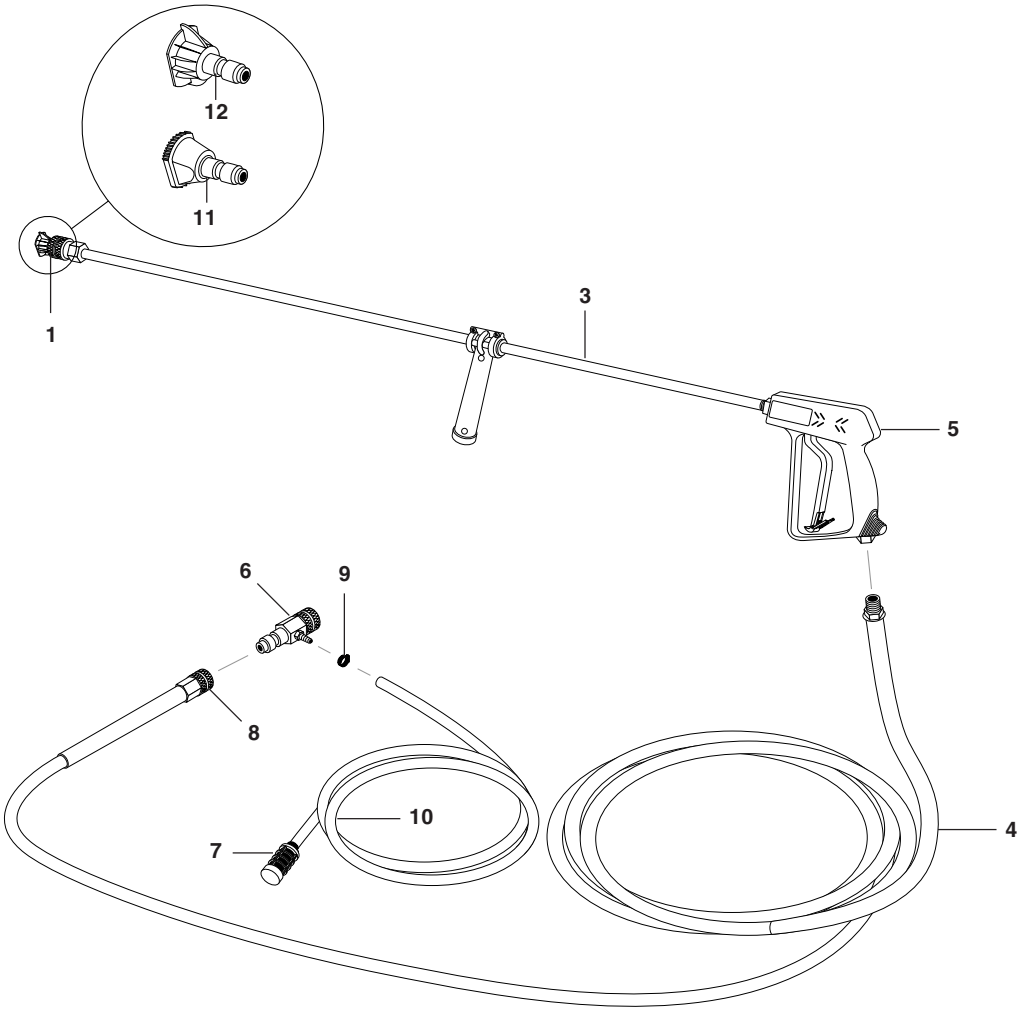
CB MULTI-ROOM INSTALLATION



CB HOSE & SPRAY GUN ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY
1	2-2000	Coupler, 1/4" Female	1
	2-0119	▲ Quick Coupler O-ring, Small	1
3	4-0110322	Wand, SS, VP, MTM SS, w/Coupler, Soap Nozzle	1
	4-011132	Wand Only, Adj. Side Grip	1
4	4-02093450BC	Hose, 3/8" x 50', 1 Wire, Shark w/Coupler	1
5	4-01246	Spray Gun, Shut-Off, AP-1000	1
6	4-011184	Detergent Injector Assy, 3-5 GPM, 0.83"	1

ITEM	PART NO.	DESCRIPTION	QTY
7	2-1904	Strainer, 1/4" Hose Barb	1
8	2-2002	Coupler, 3/8" Female	1
	2-0121	▲ Quick Coupler O-Ring, Large	1
9	2-9000	Clamp, Screw #4	1
10	4-02080000	Tube, 1/4" x 1/2", Clear Vinyl /ft.	1
11	4-16540	Nozzle, Brass Soap	1
12	High Pressure Nozzle (See page 13)		

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TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
LOW OPERATING PRESSURE	Faulty pressure gauge	Install new gauge.
	Insufficient water supply	Use larger supply hose; clean filter at water inlet.
	Old, worn or incorrect spray nozzle	Match nozzle number to machine and/or replace with new nozzle.
	Belt slippage	Tighten or replace; use correct belt.
	Plumbing or hose leak	Check plumbing system for leaks. Retape leaks with teflon tape.
	Faulty or misadjusted unloader valve (Where applicable)	Call technical support.
	Worn packing in pump	Install new packing kit.
	Fouled or dirty inlet or discharge valves in pump	Clean inlet and discharge valves.
	Worn inlet or discharge valves	Replace with valve kit.
	Obstruction in spray nozzle	Remove obstruction.
	Leaking pressure control valve (where applicable)	Rebuild or replace as needed.
	Insufficient power supply	Check voltage.
FLUCTUATING PRESSURE	Valves worn	Check and replace if necessary.
	Blockage in valve	Check and clean out if necessary.
	Pump sucking air	Check water supply and suction line for air seepage at joints.
	Worn piston packing	Check and replace if necessary.
PRESSURE LOW AFTER PERIOD OF NORMAL USE	Nozzle worn	Check and replace if necessary.
	Inlet or discharge valves worn	Check and replace if necessary.
	Inlet or discharge valves blocked	Check and clean if necessary.
	Unloader valve seat worn	Check and replace if necessary.
PUMP NOISY	Air in suction line	Check water supply and connections on suction line.
	Broken or weak inlet or discharge valve springs	Check and replace if necessary.
	Foreign matter in valves	Check and clean if necessary.
	Worn bearings	Check and replace if necessary.
	Excessive temperature of liquid	Reduce to below 75°C *(180°F*).
PRESENCE OF WATER IN PUMP OIL	Oil seal worn	Check and replace if necessary.
	High humidity in air	Check and change oil twice as often.
	Piston packing worn	Check and replace if necessary.
MOTOR STRAINS UNDER LOAD (CONTINUED ON NEXT PAGE)	Faulty motor	Send to nearest Baldor repair center.
	Incorrect spray nozzle	Install proper nozzle size (see serial plate for proper size).
	Obstruction in spray nozzle	Remove obstruction.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
MOTOR STRAINS UNDER LOAD (CONTINUED FROM PREVIOUS PAGE)	Misadjusted unloader valve	Call technical support.
	Pump low or out of oil	Check oil level.
OIL SQUIRTS OUT OF OIL CAP ON PUMP	Pump over filled with oil	Maintain oil level halfway up on the sight glass at rear of pump or at top of notch on dipstick (where applicable).
PUMP RUNNING NORMALLY BUT PRESSURE OUTPUT LOW	Pump sucking air	Check water supply and possibility of air seepage.
	Valves sticking	Check and clean or replace if necessary.
	Unloader valve seat faulty	Check and replace if necessary.
	Nozzle incorrectly sized	Check and replace if necessary (See serial plate for proper size).
	Worn piston packing	Check and replace if necessary.
WATER DRIPPING FROM UNDER PUMP	Piston packing worn	Check and replace if necessary.
	O-Ring plunger retainer worn	Check and replace if necessary.
	Cracked piston	Check and replace if necessary.
OIL DRIPPING	Oil seal worn	Check and replace if necessary.
EXCESSIVE VIBRATION IN DELIVERY LINE	Irregular functioning of the valves	Check and replace if necessary.
SYSTEM WILL NOT START	Motor overload tripped	Check and reset.
	Pressure switch faulty (auto start only)	Check, clean or replace.
	Timer faulty (auto start only)	Check and replace.
MOTOR "HUMS" BUT DOES NOT TURN	Electric motor single phasing	Check for blown fuse or loose power line.
SYSTEM WILL NOT STOP	Pressure switch faulty	Check clean or replace.
	Timer faulty	Check and replace.
SYSTEM STOPS AFTER APPROXIMATELY FOUR (4) SECONDS AND THEN RESTARTS	Faulty pressure switch	Check and replace.
	Leak at discharge line	Check for leak at hose and spray gun.
MACHINE WILL NOT START WHEN SPRAY GUN TRIGGER IS PULLED	Loss of electrical power	Check circuit breaker.
	Faulty on/off switch, pressure switch, timer or magnetic contactor	Test and replace as needed.
MACHINE DOES NOT TURN OFF AFTER FOUR (4) SECONDS WHEN SPRAY GUN IS RELEASED	Test power control switch and solid state timer faulty	Replace the defective component.

PREVENTATIVE MAINTENANCE

This pressure washer was produced with the best available materials and quality craftsmanship. However, you as the owner, have certain responsibilities for the correct care of the equipment. Attention to regular preventative maintenance procedure will assist in preserving the performance of your equipment. Contact your Shark dealer for maintenance. Regular preventative maintenance will add many hours to the life of your pressure washer. Perform maintenance more often under severe conditions.

MAINTENANCE SCHEDULE		
Pump Oil	Inspect	25 Hours or Weekly
	Change	Yearly
Check Valve Clearance		Yearly
Water Filter	Inspect	Every 6 Hours or Daily
	Clean	Yearly

OIL CHANGE RECORD

Check pump oil level before first use. Change pump oil after first 50 hours and every month or 500 hours thereafter. Use SAE 30 weight oil.

Date Oil Changed Month/Day/Year	Estimated Operating Hours Since Last Oil Change

Date Oil Changed Month/Day/Year	Estimated Operating Hours Since Last Oil Change

CB SERIES PRESSURE WASHER
WARRANTY

SHARK LIMITED NEW PRODUCT WARRANTY
PRESSURE WASHERS

WHAT THIS WARRANTY COVERS

All SHARK PRESSURE WASHERS are warranted by SHARK to the original purchaser to be free from defects in materials and workmanship under normal use, for the periods specified below. This Limited Warranty is subject to the exclusions shown below, is calculated from the date of the original purchase, and applies to the original components only. Any parts replaced under this warranty will assume the remainder of the part's warranty period. This warranty applies to the original purchaser and is not transferable.

LIMITED LIFETIME PARTS WARRANTY:

Components manufactured by SHARK, such as frames, handles, coil wraps, float tanks, and belt guards. All heating coils will have a one year warranty. Internal components on the oil-end of all pressure washer pumps will have a seven year warranty.

ONE YEAR PARTS WARRANTY:

All other components, excluding normal wear items as described below, will be warranted for one year on parts. Warranty on these parts will be for one year regardless of the duration of the original component manufacturer's part warranty.

WARRANTY PROVIDED BY OTHER MANUFACTURERS:

Motors, generators, and engines, which are warranted by their respective manufacturers, are serviced through these manufacturers' local authorized service centers. SHARK cannot provide warranty on these items.

WHAT THIS WARRANTY DOES NOT COVER

This warranty does not cover the following items:

1. Normal wear items, such as nozzles, guns, discharge hoses, wands, quick couplers, seals, filters, gaskets, O-rings, packings, pistons, pump valve assemblies, strainers, belts, brushes, rupture disks, fuses, pump protectors.
2. Damage or malfunctions resulting from accidents, abuse, modifications, alterations, incorrect installation, improper servicing, failure to follow manufacturer's maintenance instructions, or use of the equipment beyond its stated usage specifications as contained in the operator's manual.
3. Damage due to freezing, chemical deterioration, scale buildup, rust, corrosion, or thermal expansion.
4. Damage to components from fluctuations in electrical or water supply.
5. Normal maintenance service, including adjustments, fuel system cleaning, and clearing of obstructions.
6. Transportation to service center, shop labor charges, field labor charges, or freight damage.

WHAT YOU MUST DO TO OBTAIN WARRANTY SERVICE

While not required for warranty service, we request that you register your SHARK pressure washer by returning the completed registration card. In order to obtain warranty service on items, you must return the product to an Authorized Dealer, freight prepaid, with proof of purchase, within the applicable warranty period. If the product is permanently installed, you must notify your Authorized Dealer of the defect. The Authorized Dealer will file a claim, which must subsequently verify the defect. In most cases, the part must be returned to SHARK freight prepaid with the claim. For warranty service on components warranted by other manufacturers, the Authorized Dealer can help you obtain warranty service through these manufacturers' local authorized service centers. If you are unable to resolve the warranty claim satisfactorily, write to SHARK at 4275 N.W. Pacific Rim Blvd., Camas, WA 98607, ATTN: Warranty Dept., detailing the nature of the defect, the name of the Authorized Dealer, and a copy of the purchase invoice.

LIMITATION OF LIABILITY

SHARK'S liability for special, incidental, or consequential damages is expressly disclaimed. In no event shall SHARK'S liability exceed the purchase price of the product in question. SHARK makes every effort to ensure that all illustrations and specifications are correct, however, these do not imply a warranty that the product is merchantable or fit for a particular purpose, or that the product will actually conform to the illustrations and specifications. **THE WARRANTY CONTAINED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.** SHARK does not authorize any other party, including authorized Dealers, to make any representation or promise on behalf of SHARK, or to modify the terms, conditions, or limitations in any way. It is the buyer's responsibility to ensure that the installation and use of SHARK products conforms to local codes. While SHARK attempts to assure that its products meet national codes, it cannot be responsible for how the customer chooses to use or install the product.

SHARK PRESSURE WASHERS
4275 N.W. Pacific Rim Blvd. • Camas, WA 98607 • USA • 1-800-771-1881

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Form #97-6128 • Revised 6/02 • Printed in U.S.A.